

Anti-IFN-gamma [1F5] Standard Size Ab01013-10.6

This is a Fab fragment with a his-tag.

This chimeric human antibody was made using the variable domain sequences of the original Chicken scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human Fab fragment, His-Tagged, Lambda

Clone Number: 1F5

Alternative Name(s) of Target: IFN-g; Interferon gamma; Type II interferon; IFN-gamma; IFN-γ

UniProt Accession Number of Target Protein: A0SDD7

Published Application(s): ELISA

Published Species Reactivity: White rhinoceros (*Ceratotherium simum*)

Immunogen: Chicken antibodies were produced by immunising Hy-Line silver brown chickens with recombinant white rhino IFN-gamma. The spleens of immunised chickens were collected and total RNA was reverse transcribed into cDNA.

Specificity: scFv 1F5 reacted with both white rhino (*Ceratotherium simum*) and Asian elephant (*Elephas maximus*) IFN-gamma, shown by direct ELISAs.

Application Notes: 1F5 has been used as a capture antibody in ELISAs testing for the presence of IFN-gamma.

Antibody First Published in: Morar et al. Cloning, sequencing and expression of white rhinoceros (*Ceratotherium simum*) interferon-gamma (IFN-gamma) and the production of rhinoceros IFN-gamma specific antibodies. *Vet Immunol Immunopathol.* 2007 Jan 15;115(1-2):146-54. [PMID:17118460](#)

Note on publication: Describes the generation of murine and chicken antibodies against white rhino IFN-gamma and their use in the development of a diagnostic assay for the detection of tuberculosis.

Product Form

Size: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.